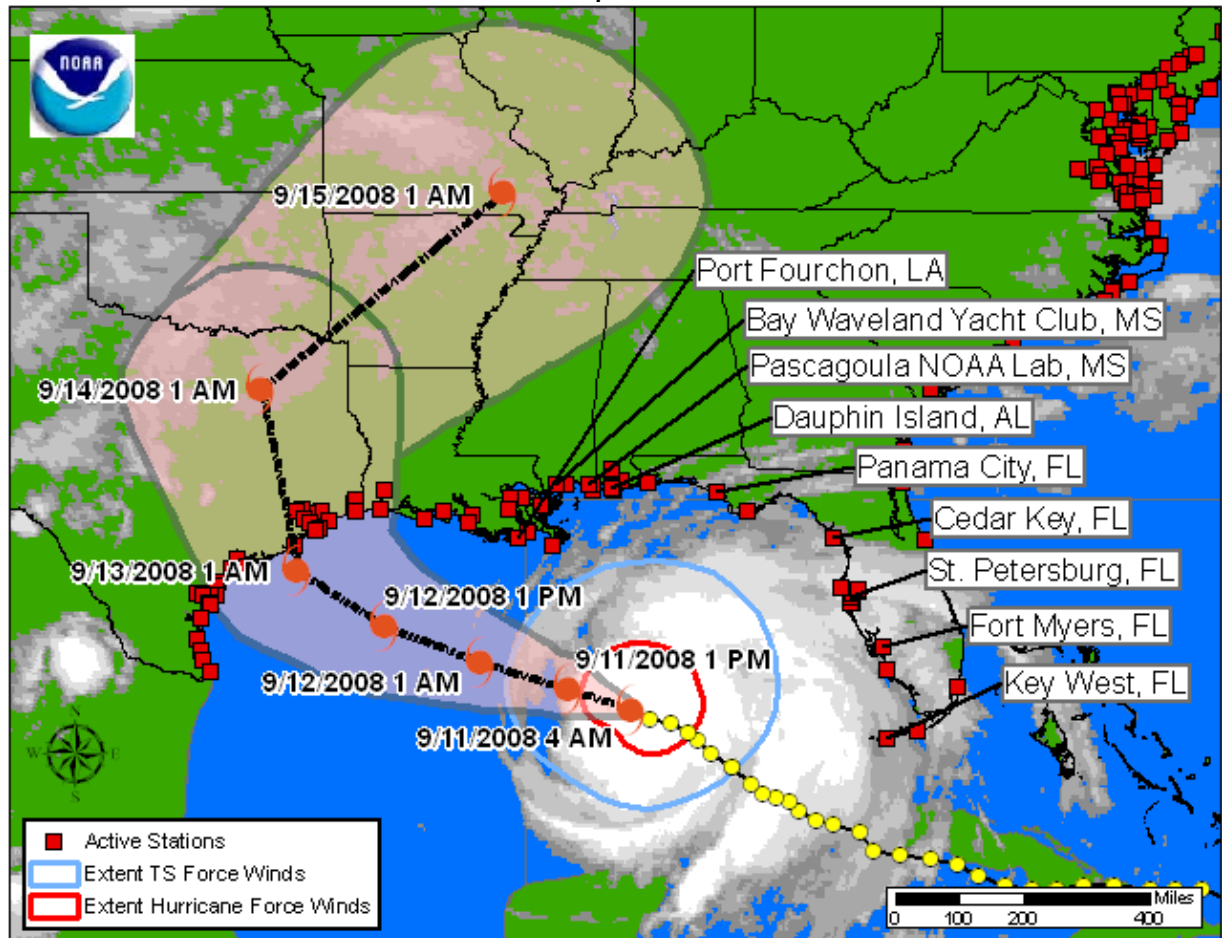


Hurricane IKE QuickLook  
Posted: 05:00 CDT 09/11/2008

NOAA and NOAA Partnership Stations Relative to the Storm



#### Storm Analysis

As of 09/11/2008 05:00 CDT, water levels are elevated along the Gulf coast from southern Florida to eastern Louisiana. Water levels from the Florida panhandle westward to Louisiana are rising and range from 1.0 to nearly 3.0 feet above predictions. Water level is starting to decrease at Key West, FL. Barometric pressure and winds along the Gulf coast are not showing much influence from Hurricane Ike.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Panama City, FL: Next predicted high tide is 1.69 ft (0.52 m) at 09/11/2008 07:42 CDT.

Dauphin Island, AL: Next predicted high tide is 1.60 ft (0.49 m) at 09/11/2008 07:48 CDT.

Pascagoula NOAA Lab, MS: Next predicted high tide is 1.50 ft (0.46 m) at 09/11/2008 07:48 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.95 ft (0.59 m) at 09/11/2008 09:12 CDT.

Port Fourchon, LA: Next predicted high tide is 1.76 ft (0.54 m) at 09/11/2008 07:15 CDT.

Cedar Key, FL: Next predicted high tide is 3.80 ft (1.16 m) at 09/11/2008 11:29 EDT.

St. Petersburg, FL: Next predicted high tide is 2.50 ft (0.76 m) at 09/11/2008 11:40 EDT.

Fort Myers, FL: Next predicted high tide is 1.50 ft (0.46 m) at 09/11/2008 13:42 EDT.

Key West, FL: Next predicted high tide is 2.02 ft (0.62 m) at 09/11/2008 07:36 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: TB

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE IKE ADVISORY NUMBER 41**

**400 AM CDT THU SEP 11 2008**

**...LARGE HURRICANE IKE CONTINUES WEST-NORTHWESTWARD OVER THE EAST-CENTRAL GULF OF MEXICO**

**AT 4 AM CDT THE TROPICAL STORM WARNING ALONG THE NORTHERN GULF OF MEXICO COAST IS EXTENDED NORTHWARD AND EASTWARD TO THE MISSISSIPPI-ALABAMA BORDER INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN. A TROPICAL STORM WARNING IS NOW IN EFFECT FROM THE MISSISSIPPI-ALABAMA BORDER WESTWARD TO EAST OF CAMERON LOUISIANA. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.**

**A HURRICANE WATCH REMAINS IN EFFECT FROM CAMERON LOUISIANA WESTWARD TO PORT MANSFIELD TEXAS. A HURRICANE WATCH MEANS THAT HURRICANE CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA GENERALLY WITHIN 36 HOURS.**

**AT 400 AM CDT THE CENTER OF HURRICANE IKE WAS LOCATED 620 MILES EAST OF BROWNSVILLE TEXAS AND ABOUT 285 MILES SOUTH-SOUTHEAST OF THE MOUTH OF THE MISSISSIPPI RIVER.**

**IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 9 MPH  
A GENERAL WEST-NORTHWESTWARD MOTION OVER THE CENTRAL AND WESTERN  
GULF OF MEXICO IS EXPECTED TODAY AND FRIDAY. ON THIS TRACK THE  
CENTER WILL BE APPROACHING THE NORTHWESTERN GULF OF MEXICO COAST  
LATE FRIDAY.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 100 MPH WITH HIGHER  
GUSTS. IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON  
SCALE AND IT COULD INTENSIFY INTO A CATEGORY THREE HURRICANE OVER  
THE NEXT DAY OR TWO.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER  
AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 255 MILES.**

**COASTAL STORM SURGE FLOODING OF 3 TO 5 FEET ABOVE NORMAL TIDE  
LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE  
EXPECTED WITHIN THE TROPICAL STORM WARNING AREA. ABOVE NORMAL  
TIDES OF 2 TO 4 FEET ARE EXPECTED ELSEWHERE ALONG MUCH OF THE  
NORTHERN COAST OF THE GULF OF MEXICO DURING THE NEXT DAY OR  
SO BUT WILL BE INCREASING ALONG THE WESTERN GULF COAST AS IKE  
APPROACHES.**

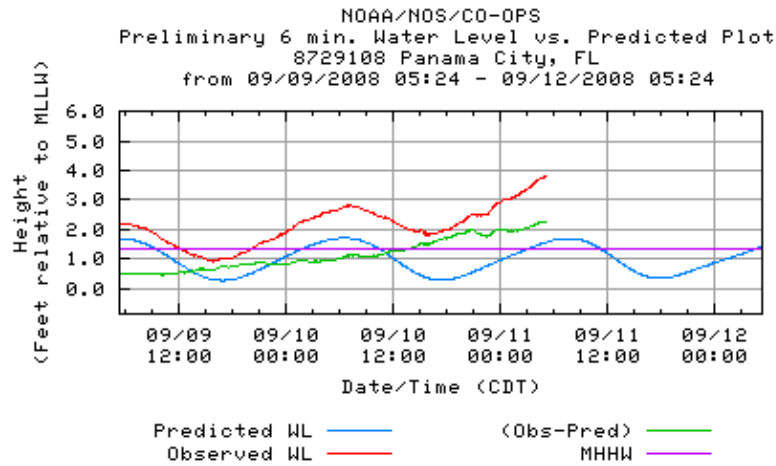
**IKE IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 1 TO 2 INCHES OVER  
SOUTHERN LOUISIANA AND THE EXTREME NORTHERN YUCATAN PENINSULA.**

**FORECASTER PASCH/BROWN**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Panama City - Air/Water Temp](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Dauphin Island - Air/Water Temp](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Port Fourchon - Water Level](#), [Cedar Key - Water Level](#), [St. Petersburg - Water Level](#), [St. Petersburg - Winds](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Key West - Water Level](#), [Key West - Winds](#), [Key West - Air/Water Temp](#).

**Panama City, FL - Station Map** [Return to List](#)

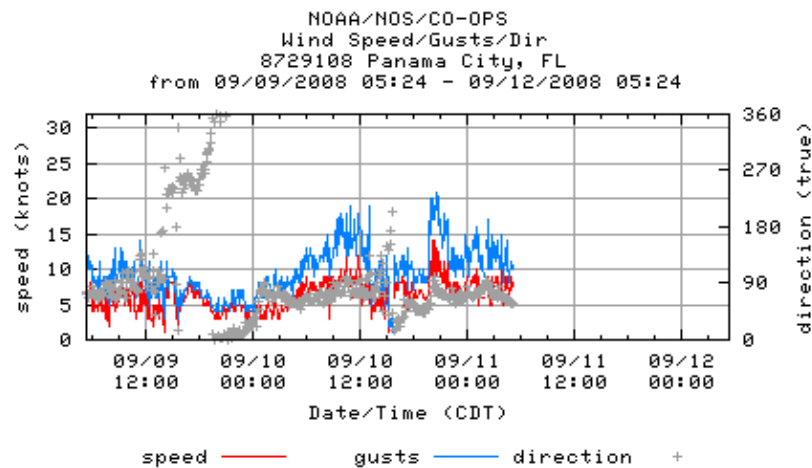


Last Observed Sample: 09/11/2008 05:06 (CDT)

Relative to **MLLW**: **Observed: 3.81 ft. Predicted: 1.55 ft. Residual: 2.26 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

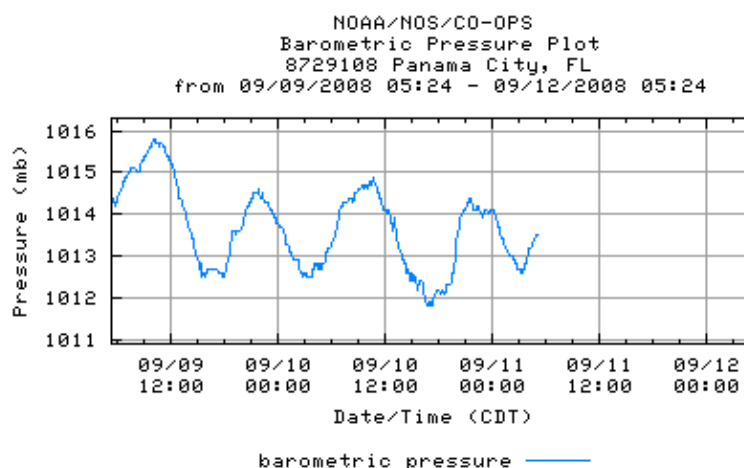
**Panama City, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 05:06 (CDT)

**Wind Speed: 8 knots Gusts: 10 knots Direction: 057° T**

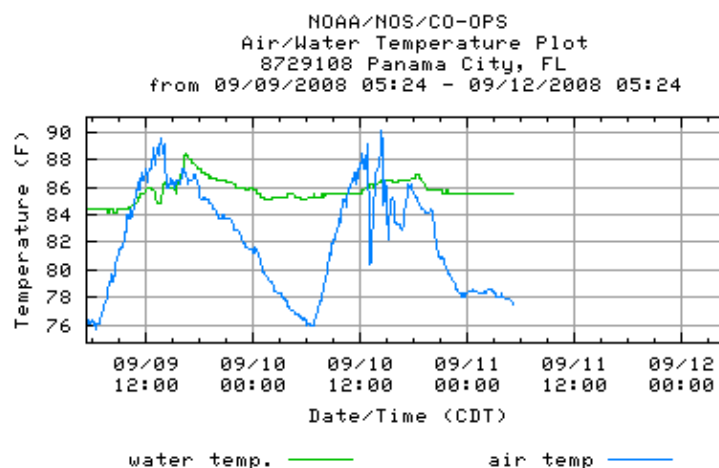
**Panama City, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 05:06 (CDT)

Barometric Pressure: 1013.5 mb

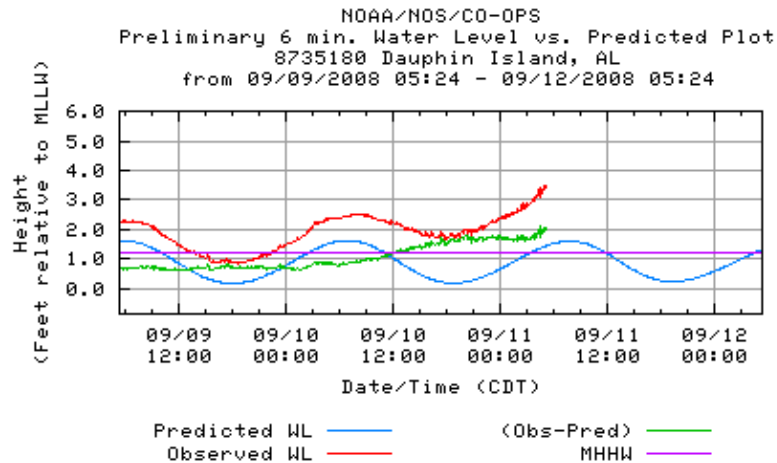
**Panama City, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 05:06 (CDT)

Water Temperature: 85.5° F Air Temperature: 77.5° F

**Dauphin Island, AL - Station Map** [Return to List](#)

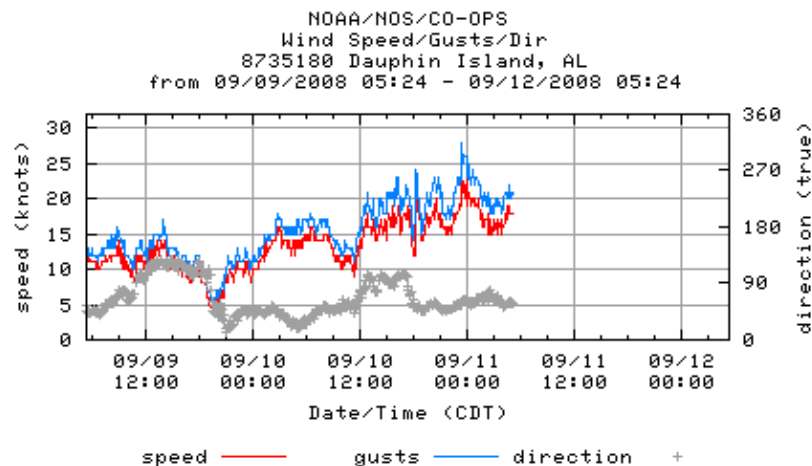


Last Observed Sample: 09/11/2008 05:06 (CDT)

Relative to **MLLW**: **Observed: 3.48 ft. Predicted: 1.43 ft. Residual: 2.05 ft.**

Historical Maximum Water Level: 09/02/1985, 3.36 ft. above **MHHW**

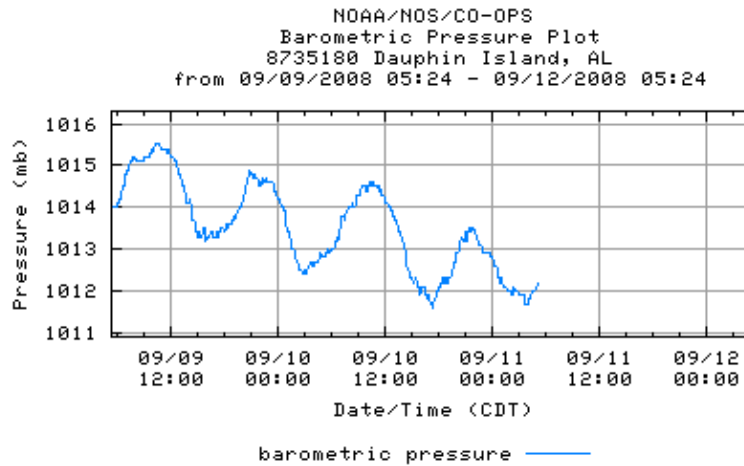
**Dauphin Island, AL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 05:06 (CDT)

**Wind Speed: 18 knots Gusts: 21 knots Direction: 057° T**

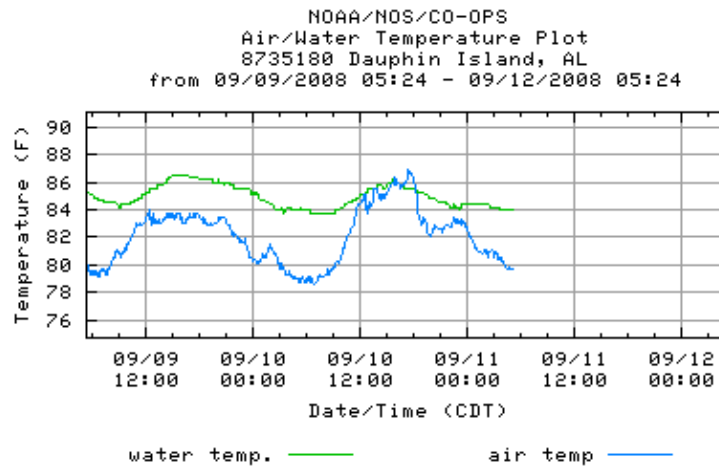
**Dauphin Island, AL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 05:06 (CDT)

Barometric Pressure: 1012.2 mb

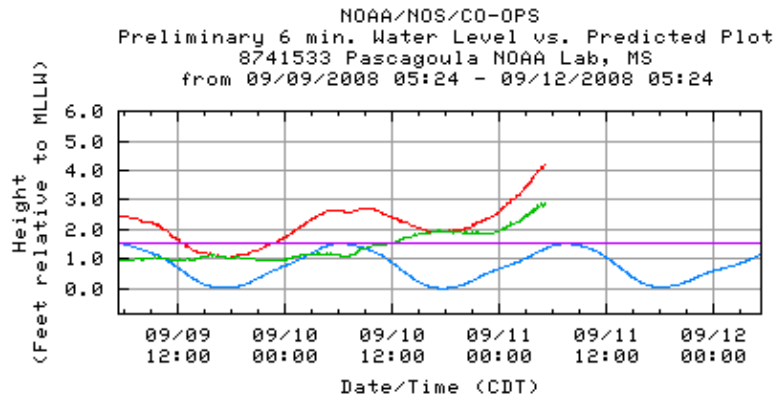
**Dauphin Island, AL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 05:06 (CDT)

Water Temperature: 84.0° F Air Temperature: 79.7° F

**Pascagoula NOAA Lab, MS - Station Map** [Return to List](#)



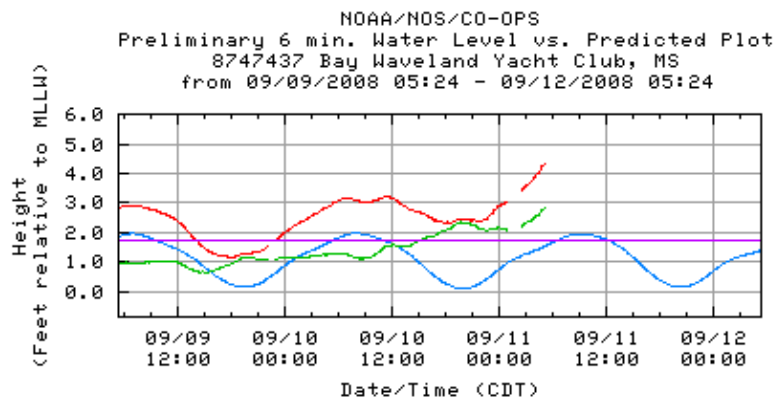
Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 09/11/2008 05:12 (CDT)

Relative to **MLLW**: **Observed: 4.23 ft. Predicted: 1.35 ft. Residual: 2.88 ft.**

Historical Maximum Water Level: n/a

**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

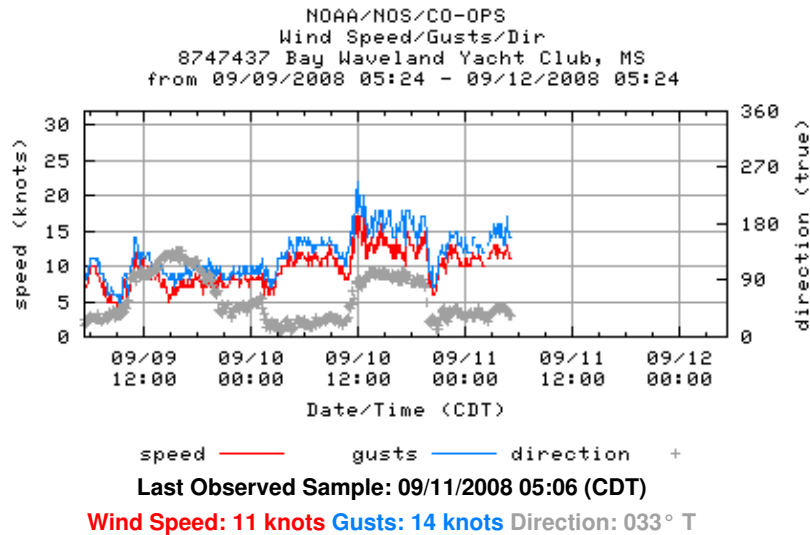
Last Observed Sample: 09/11/2008 05:06 (CDT)

Relative to **MLLW**: **Observed: 4.34 ft. Predicted: 1.51 ft. Residual: 2.83 ft.**

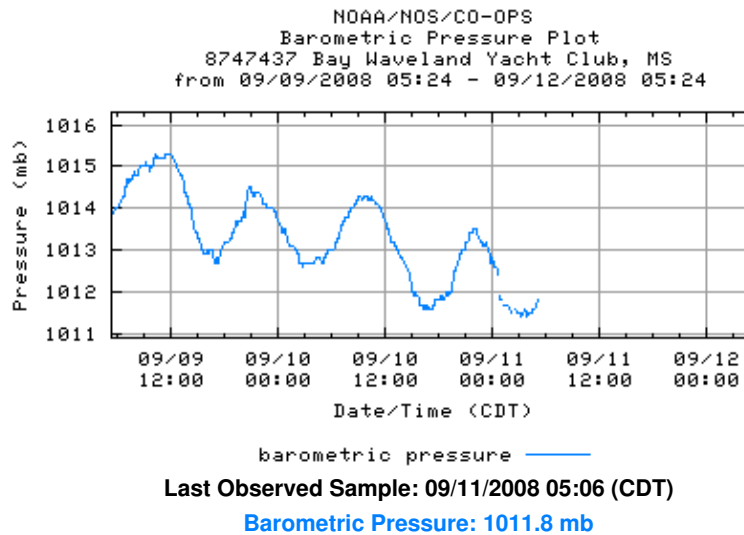
Historical Maximum Water Level: 10/28/1985, 5.05 ft. above **MHHW**



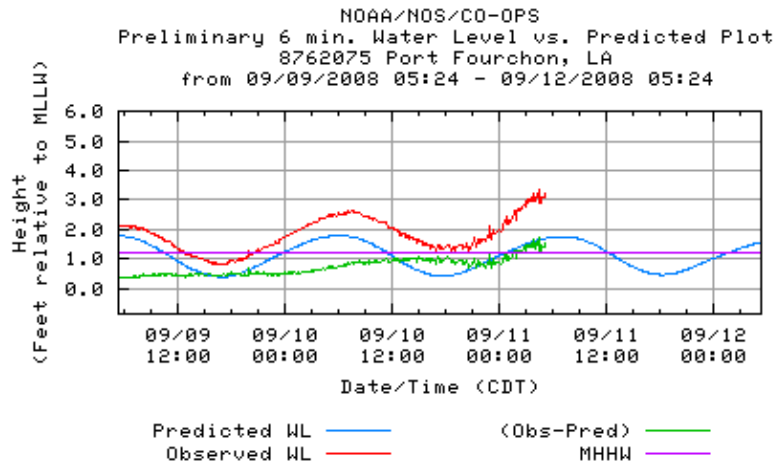
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**Port Fourchon, LA - Station Map** [Return to List](#)

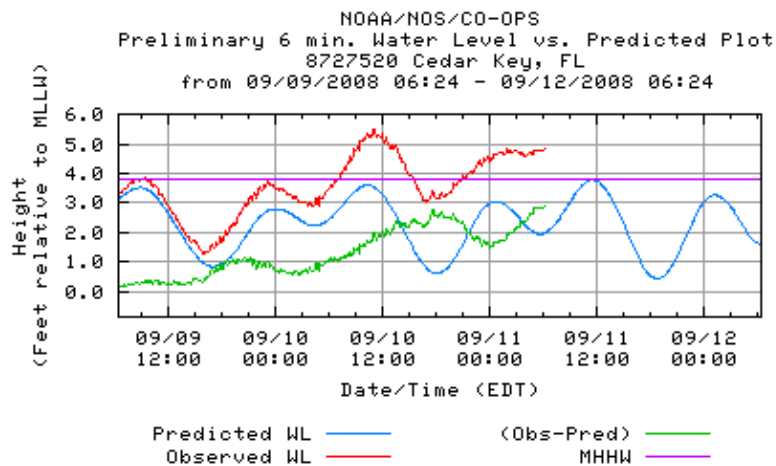


Last Observed Sample: 09/11/2008 05:12 (CDT)

Relative to **MLLW**: **Observed: 3.20 ft. Predicted: 1.69 ft. Residual: 1.51 ft.**

Historical Maximum Water Level: 09/24/2005, 3.8 ft. above **MHHW**

**Cedar Key, FL - Station Map** [Return to List](#)

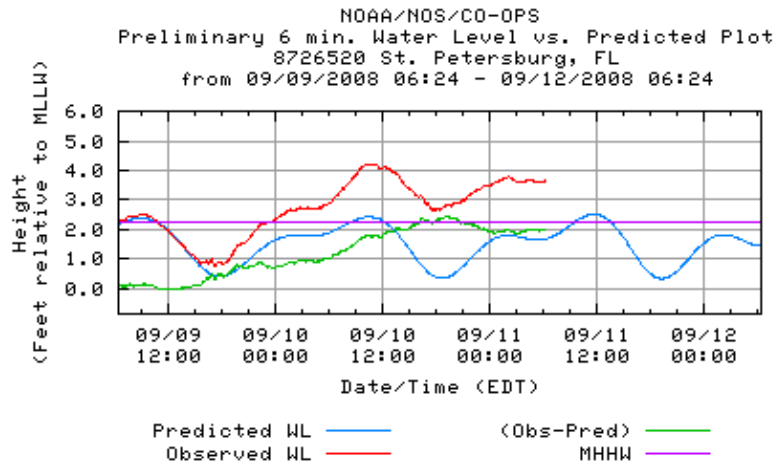


Last Observed Sample: 09/11/2008 06:12 (EDT)

Relative to **MLLW**: **Observed: 4.85 ft. Predicted: 1.98 ft. Residual: 2.87 ft.**

Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

**St. Petersburg, FL - Station Map** [Return to List](#)

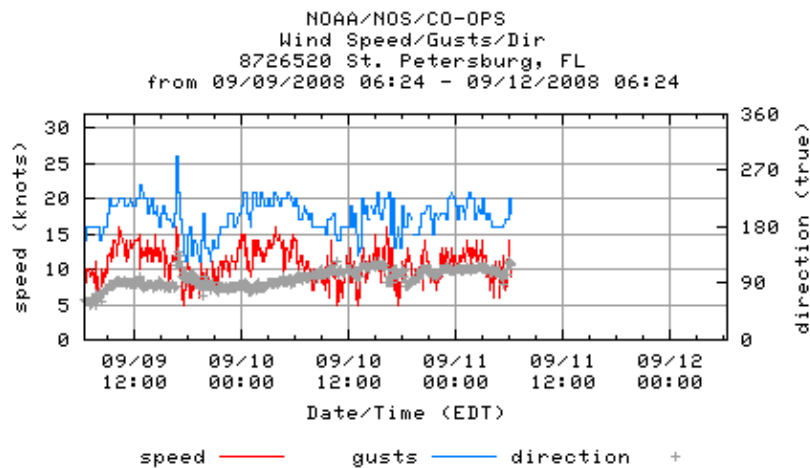


Last Observed Sample: 09/11/2008 06:12 (EDT)

Relative to **MLLW**: **Observed: 3.65 ft. Predicted: 1.66 ft. Residual: 1.99 ft.**

Historical Maximum Water Level: 08/31/1985, 4 ft. above **MHHW**

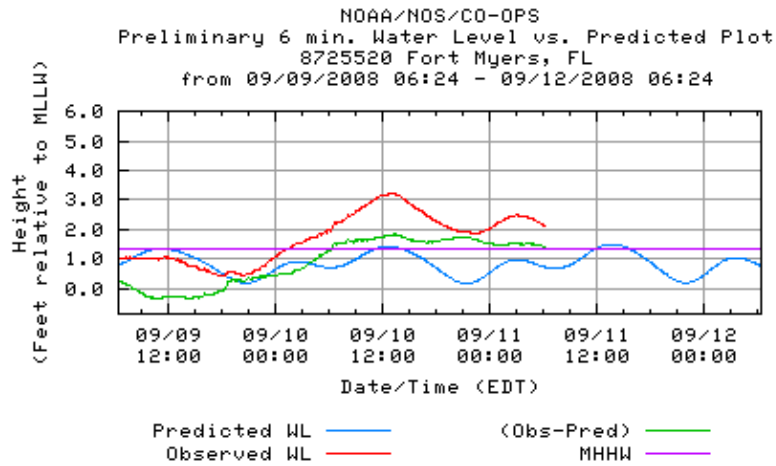
**St. Petersburg, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 06:12 (EDT)

**Wind Speed: 9 knots Gusts: 18 knots Direction: 118° T**

**Fort Myers, FL - Station Map** [Return to List](#)

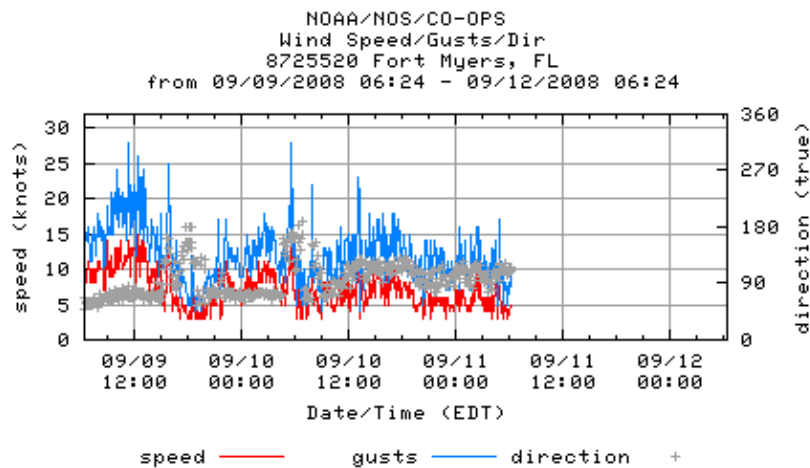


Last Observed Sample: 09/11/2008 06:12 (EDT)

Relative to **MLLW**: **Observed: 2.11 ft.** **Predicted: 0.71 ft.** **Residual: 1.40 ft.**

Historical Maximum Water Level: 11/23/1988, 3.41 ft. above **MHHW**

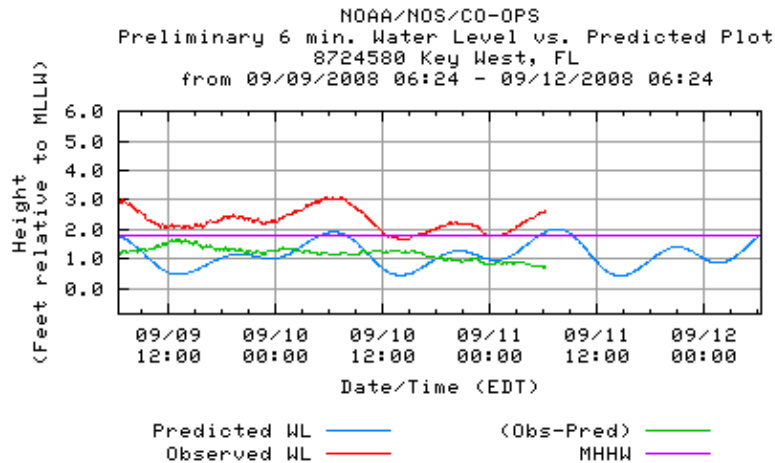
**Fort Myers, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/11/2008 06:12 (EDT)

**Wind Speed: 5 knots** **Gusts: 9 knots** **Direction: 115° T**

**Key West, FL - Station Map** [Return to List](#)

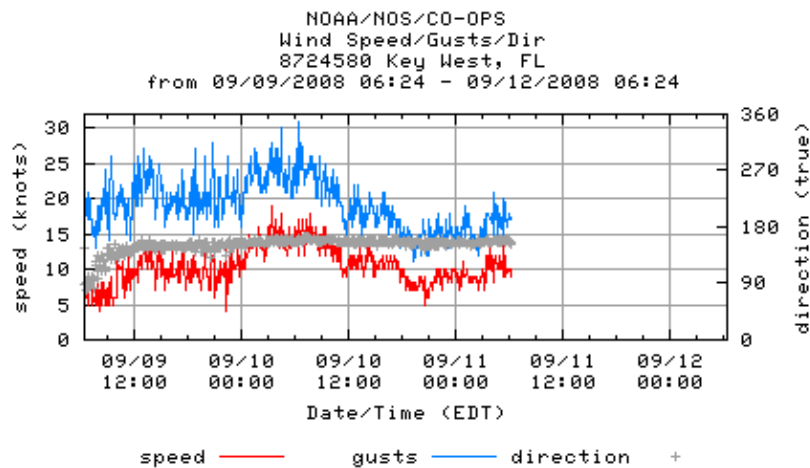


Last Observed Sample: 09/11/2008 06:12 (EDT)

Relative to **MLLW**: **Observed: 2.62 ft. Predicted: 1.90 ft. Residual: 0.72 ft.**

Historical Maximum Water Level: 09/08/1965, 1.93 ft. above **MHHW**

**Key West, FL - Station Map** [Return to List](#)

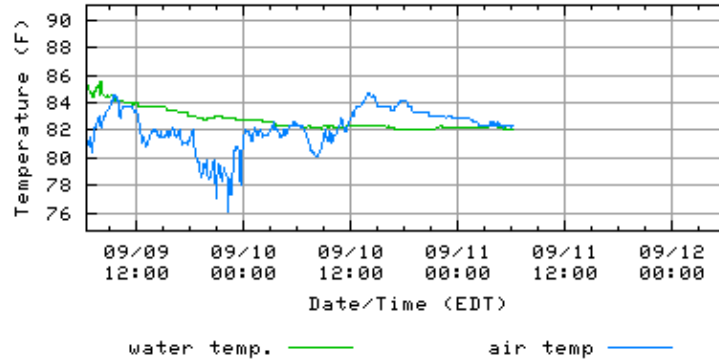


Last Observed Sample: 09/11/2008 06:12 (EDT)

**Wind Speed: 10 knots Gusts: 17 knots Direction: 153° T**

**Key West, FL - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8724580 Key West, FL  
from 09/09/2008 06:24 - 09/12/2008 06:24



**Last Observed Sample: 09/11/2008 06:12 (EDT)**

**Water Temperature: 82.0° F Air Temperature: 82.4° F**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce